

Comparative Safety Record - 1997 Ranked by Relative Death Rate^a

	<u>Fatalities</u>	<u>Passenger Miles(bill.)</u>	<u>Fatalities per 100 mil PM</u>	<u>Fed Safety Agency</u>	<u>Agency Safety Budget ('99)</u>
Automobiles	21920	2387.9	0.92	NHTSA	\$360 million
Roller Coasters	3 ^b	.5 ^c	0.61	none	\$ 0.00
Rail Passenger Trains	6	13.7	0.04	Fed RR Admin NTSB	\$ 96 million \$ 8 million ^d
Scheduled Airlines	42	452.5	0.01	NTSB FAA	\$ 33 million ^d \$954 million
Buses	9	133.0	0.01	Fed Motor Carrier Safety Admin NTSB	\$155 million \$ 8 million ^d

^a Primary Source: National Safety Council, "Transportation Accident Comparisons", Injury Facts 1999 Edition, p.122. All numbers from the National Safety Council are separately footnoted.

^b Consumer Product Safety Commission, "Amusement Ride-Related Injuries and Deaths in the United States", July 1999, p. 7.

^c Calculation of total passenger miles in roller coasters derived as follows: A. Industry estimate of the number of rides per year on roller coasters = 105 million. B. Average length of 105 coasters in the top 20 most visited U.S. parks = 2880 feet. Thus, (A x B) / 5280 feet = .491 billion passenger miles.

^d Approximately 2/3 of NTSB's \$50 million budget is for aviation, and 1/3 for surface transportation. This analysis assigns 1/2 of the transportation safety budget to trains, and 1/2 to buses.

